

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	258979	Akira.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 11:38
S2	23	S1 near hommi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:17
S3	14758	Kiyotaka.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:17
S4	20	S3 and Hamajima	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:18
S5	35817	Mitsuhiro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:18
S6	168	S5 near nada	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:19
S7	362	701/73-75.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:58
S8	651	701/80,82,84,90.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:55
S9	1780	180/197.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:57
S10	174	303/148,149.ccls.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:56

## EAST Search History

S11	272	S9 and (coefficient adj friction)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 11:57
S12	7	S7 and (rotation near1 sensor)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 12:00
S13	24	S8 and (rotation near1 sensor)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 12:00
S14	1	S10 and (rotation near1 sensor)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 12:00
S15	9	S11 and (rotation near1 sensor)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 12:00

## EAST Search History

S16	214	( "3538742"   "3604761"   "3717384"   "3734572"   "3840278"   "3861756"   "3871715"   "3893330"   "3918766"   "3921446"   "3926477"   "3953080"   "3967862"   "3972568"   "4036536"   "4094555"   "4126036"   "4138723"   "4196940"   "4212063"   "4315426"   "4321677"   "4349876"   "4357594"   "4384330"   "4392202"   "4401310"   "4408290"   "4422322"   "4435768"   "4468050"   "4476529"   "4489382"   "4497025"   "4506909"   "4517647"   "4530056"   "4530059"   "4530414"   "4545240"   "4573131"   "4586138"   "4586728"   "4593955"   "4594878"   "4595072"   "4600215"   "4602695"   "4637487"   "4648663"   "4651290"   "4665490"   "4666218"   "4668022"   "4669569"   "4672547"   "4674767"   "4680959"   "4693522"   "4701855"   "4712635"   "4715662"   "4721176"   "4722411"   "4725102"   "4733760"   "4736814"   "4758967"   "4762196"   "4763260"   "4770226"   "4770438"   "4779202"   "4779447"   "4779696"   "4790607"   "4794538"   "4794539"   "4796911"   "4807133"   "4809197"   "4823269"   "4825367"   "4827416"   "4834419"   "4837727"   "4841446"   "4843552"   "4852951"   "4855916"   "4855917"   "4873638"   "4873639"   "4882693"   "4883325"   "4884651"   "4900100"   "4916619"   "4924396"   "4929034"   "4933857"   "4936636"   "4947332"   "4974694"   "4976330"   "4984163"   "4984165"   "4985838"   "4987966"   "4989165"   "4998593"   "5003481"   "5003490"   "5005132"   "5012417"   "5015041"   "5018596"   "5027774"   "5029090"   "5033002"   "5033573"   "5033799"   "5034890"   "5043896"   "5044660").PN. OR ("5046461"   "5069302"   "5070461"   "5070960"   "5077461"   "5085288"   "5090511"   "5092662"   "5105359"   "5117934"   "5123715"   "5132906"   "5135290"   "5148368"   "5157612" "5159991"   "5163530"   "5164902"   "5168950"   "5193888" "5198982"   "5204071"   "5216608"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 13:48
9/11/2007 6:15:10 PM C:\Documents and Settings\scnpd\My Documents\EAST\Workspaces\Application_10525871_NF3.wsp						

## EAST Search History

S17	280	("4651290"   "4733760"   "4837727"   "4947332"   "4984163"   "5058018"   "5123715"   "5132906"   "5198982"   "5216608"   "5278761"   "5353225"   "5394329"   "5406486"   "5466054"   "5563792"   "5586028"   "5627755"   "5758305"   "6015192"   "6094614"   "6163747"   "6202020"   "6203121").URPN.	USPAT	OR	ON	2006/08/23 13:48
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## EAST Search History

S18	131	("20010007965"   "20010029419"   "20020002437"   "20020007661"   "20020072841"   "20020072842"   "20020162389"   "20030051544"   "4212063"   "4651290"   "4671579"   "4693522"   "4755945"   "4834205"   "4875171"   "4900100"   "4901811"   "4903982"   "4909073"   "4912967"   "4946015"   "4947332"   "4958512"   "4964481"   "4984163"   "4989165"   "5009294"   "5020619"   "5025879"   "5033002"   "5079708"   "5085288"   "5117934"   "5132906"   "5132907"   "5198982"   "5216608"   "5222570"   "5229955"   "5236255"   "5297646"   "5351192"   "5357788"   "5357798"   "5365439"   "5394329"   "5402341"   "5408411"   "5411325"   "5423601"   "5435635"   "5450919"   "5466054"   "5480221"   "5493893"   "5508924"   "5519614"   "5557520"   "5570935"   "5583772"   "5586028"   "5588721"   "5631829"   "5634699"   "5636121"   "5657229"   "5662393"   "5668724"   "5671143"   "5703776"   "5719565"   "5723768"   "5742917"   "5745862"   "5747682"   "5752214"   "5760682"   "5762157"   "5765119"   "5771480"   "5809445"   "5813936"   "5814718"   "5826209"   "5832400"   "5833328"   "5842755"   "5863105"   "5869753"   "5878365"   "5938713"   "5944392"   "5947865"   "5948961"   "6015192"   "6023649"   "6035251"   "6045198"   "6062659"   "6079801"   "6089680"   "6091214"   "6102093"   "6122585"   "6163747"   "6169949"   "6184637"   "6188316"   "6208927"   "6216081"   "6239568"   "6244372"   "6249735"   "6254204"   "6264292"   "6266600"   "6266601"   "6276189"   "6302500"   "6308126"   "6324461"   "6349256").PN. OR ("6401023"   "6418369"   "6427519"   "6429788"   "6460647"   "6473682"   "6510374"   "6549842"   "6604595").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 13:48
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## EAST Search History

S19	45	("6301540"   "6308115"   "6324461"   "6385525"   "6418369"   "6473682"   "6510374"   "6522968"   "6526804"   "6549842"   "6556911"   "6556912"   "6577941"   "6591178"   "6597980"   "6601435"   "6618661"   "6650987"   "6650988"   "6662097"   "6704636"   "6738704").URPN.	USPAT	OR	ON	2006/08/23 13:48
S20	63	("20010003810"   "20020011093"   "20020072841"   "20020087252"   "20030028308"   "20030051560"   "20040019417"   "20040019423"   "20040133330"   "20040148077"   "20040186649"   "3260555"   "3312509"   "3658388"   "3956391"   "4280740"   "4315426"   "4446522"   "4662211"   "4779447"   "4789938"   "4794539"   "4955933"   "4958512"   "5058018"   "5134352"   "5159990"   "5195037"   "5259476"   "5263548"   "5286098"   "5375919"   "5428539"   "5433513"   "5737714"   "5788345"   "5816669"   "5839535"   "5898281"   "5927421"   "5929534"   "5938713"   "5964265"   "6015192"   "6182002"   "6184637"   "6188316"   "6219609"   "6266600"   "6349789"   "6453226"   "6473683"   "6508102"   "6550320"   "6556912"   "6592980"   "6597980"   "6678596"   "6782968"   "6792343"   "6802226").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 13:48
S21	4	("2001/0032046"   "2005/0187671"   "2005/0241868"   "2005/0246087"   "2005/0258785"   "2005/0284679"   "2006/0145644"   "2006/0175997"   "6772058"   "6898966"   "6941213"   "6952635"   "7058541"   "7069135"   "7091678"   "RE39183").URPN.	USPAT	OR	ON	2006/08/23 13:48
S22	2512	((701/73-75,80,82,84,90) or (180/197) or (303/148,149)).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/24 19:20
S23	865	S22 and accelerat\$3 and rotat\$3 and time	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:10

## EAST Search History

S24	584	S23 and (angle or angular)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:10
S25	334	S24 and road and friction	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:11
S26	314	S25 and chang\$3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:11
S27	295	S26 and condition	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:11
S28	52	S27 and peak and coefficient	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:12
S29	5	b60t008/1764.ipc.	EPO; JPO; DERWENT	OR	ON	2006/08/24 15:25
S30	2512	((701/73-75,80,82,84,90) or (180/197) or (303/148,149)).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 13:10
S31	152	S30 and coefficient and wave\$5	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:21
S32	150	S31 and time	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:21
S33	9	S32 and sinusoidal	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:23
S34	112	S32 and friction	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:23
S35	4	S33 and (peak or (maximum and minimum))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:23

## EAST Search History

S36	48	S34 and (peak or (maximum and minimum))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:24
S37	60	S34 and (waveform or wavelength)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/24 19:24
S38	835	(automobile or car or vehicle) and ("rotation angle" near sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 11:39
S39	96	S38 and (road near surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 11:39
S40	645	((701/73,80) or (303/148-150)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 13:13
S41	6	S40 and (("rotation angle" near sensor) or ("rotation angular" near acceleration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 14:25
S42	478	S40 and ((road near surface) or (split near coefficient) or ("coefficient of friction"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 14:26
S43	6	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 13:15
S44	645	((701/73,80) or (303/148-150)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 14:26
S45	214	S44 and ("angular acceleration" or rpm or "rotational speed" or "rotational acceleration")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/20 14:26



## EAST Search History

S46	172	S45 and ((road near surface) or (split near coefficient) or ("coefficient of friction"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:17
S47	2	("6532407").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 15:04
S48	2	("6473683").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/11 13:15
S49	925	(angular near acceleration) with ("drive shaft" or "shaft")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:16
S50	379	S49 and (automobile or car or vehicle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:18
S51	47	S50 and ((road near surface) or (split near coefficient) or ("coefficient of friction"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:17
S52	29	(akira near hommi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:18
S53	22	(kiyotaka near hamajima).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 13:19
S54	173	(mitsuhiro near nada).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/11 14:02

## EAST Search History

S55	35	("3658388"   "4035698"   "4075538"   "4126036"   "4422322"   "4446522"   "4506909"   "4651290"   "4666218"   "4672547"   "4789938"   "4799161"   "4859002"   "4929034"   "4971164"   "5016593"   "5056354"   "5134352"   "5195037"   "5311773"   "5404302"   "5487006"   "5898281"   "6058340"   "6182003"   "6338392"   "6421598"   "6456920"   "6490518"   "6612662"   "6663196"   "6728621"   "6885930"   "6895322"   "6941213").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 16:15
S56	53	("2001/0029421"   "2001/0032046"   "2005/0246087"   "2005/0258785"   "2005/0284679"   "2006/0145644"   "2006/0175997"   "2006/0185914"   "4837727"   "5159990"   "5679092"   "5694901"   "6532407"   "7132806").URPN.	USPAT	OR	ON	2007/09/11 16:16